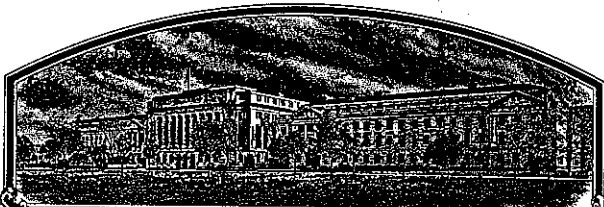


No.

8200053



# THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

## Western Plant Breeders

Whereas, THERE HAS BEEN PRESENTED TO THE

### Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED NOVEL VARIETY OF SEXUALLY REPRODUCED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT INTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF eighteen YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXHIBIT OTHERS FROM SELLING THE VARIETY OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR EXPORTING IT, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. IN THE UNITED STATES SEED OF THIS VARIETY (1) SHALL BE SOLD BY VARIETY NAME ONLY AS A CERTIFIED SEED AND (2) SHALL CONFORM TO THE NUMBER OF GENERATIONS SPECIFIED BY THE OWNER OF THE RIGHTS. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

WHEAT

'WestBred 911'

In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington, D.C.

this 23rd day of September in the year of our Lord one thousand nine hundred and eighty-two

Attest

Kenneth F. ...

Commissioner  
Plant Variety Protection Office  
Grain Division  
Agricultural Marketing Service

John R. Block  
Secretary of Agriculture

UNITED STATES DEPARTMENT OF AGRICULTURE  
AGRICULTURAL MARKETING SERVICE  
LIVESTOCK, POULTRY, GRAIN & SEED DIVISION

FORM APPROVED  
OMB NO. 40-R3822

**APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE**

INSTRUCTIONS: See Reverse.

No certificate for plant variety protection may be issued unless a completed application form has been received (5 U.S.C. 553).

1a. TEMPORARY DESIGNATION OF VARIETY 225R-WC		1b. VARIETY NAME WestBred 911		FOR OFFICIAL USE ONLY PV NUMBER 8200053	
2. KIND NAME Wheat		3. GENUS AND SPECIES NAME Triticum aestivum		FILING DATE 1/11/82	TIME 1:00 A.M.
4. FAMILY NAME (BOTANICAL) Gramineae		5. DATE OF DETERMINATION 6-1-80		FEE RECEIVED \$ 500.00 \$ 250.00	DATE 1/11/82 7/21/82
6. NAME OF APPLICANT(S) <del>W.P.B. ACQUISITION INC.</del> Western Plant Breeders WESTERN PLANT BREEDERS, INC. (a Maryland corporation)		7. ADDRESS (Street and No. or R.F.D. No., City, State, and ZIP Code) P. O. Box 1110 1918 W. Van Buren Phoenix, AZ 85001-1110 ATTN: MR. ROBERT HUNTINGTON		8. TELEPHONE AREA CODE AND NUMBER (602) 257-1223	
9. IF THE NAMED APPLICANT IS NOT A PERSON, FORM OF ORGANIZATION: (Corporation, partnership, association, etc.) Corporation			10. IF INCORPORATED, GIVE STATE AND DATE OF INCORPORATION Arizona Dec. 1, 1977		11. DATE OF INCORPORATION Dec. 1, 1977
12. NAME AND MAILING ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS: Kim C. Shantz P. O. Box 1110 Western Plant Breeders Phoenix, AZ 85001					

13. CHECK BOX BELOW FOR EACH ATTACHMENT SUBMITTED:

- ☒ 13A. Exhibit A, Origin and Breeding History of the Variety (See Section 52 of the Plant Variety Protection Act.)
- ☒ 13B. Exhibit B, Novelty Statement.
- ☒ 13C. Exhibit C, Objective Description of the Variety (Request form from Plant Variety Protection Office.)
- ☐ 13D. Exhibit D, Additional Description of the Variety.

14a. DOES THE APPLICANT(S) SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED? (See Section 83(a). (If "Yes," answer 14B and 14C below.)		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
14b. DOES THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	14c. IF "YES," TO 14B, HOW MANY GENERATIONS OF PRODUCTION BEYOND BREEDER SEED? <input type="checkbox"/> FOUNDATION <input type="checkbox"/> REGISTERED <input type="checkbox"/> CERTIFIED		
15a. DID THE APPLICANT(S) FILE FOR PROTECTION OF THIS VARIETY IN OTHER COUNTRIES? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If "Yes," give name of countries and dates.)			
15b. HAVE RIGHTS BEEN GRANTED THIS VARIETY IN OTHER COUNTRIES? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If "Yes," give name of countries and dates.)			

16. DOES THE APPLICANT(S) AGREE TO THE PUBLICATION OF HIS/HER (THEIR) NAME(S) AND ADDRESS IN THE OFFICIAL JOURNAL? ☒ YES ☐ NO

17. The applicant(s) declare(s) that a viable sample of basic seed of this variety will be furnished with the application and will be replenished upon request in accordance with such regulations as may be applicable.

The undersigned applicant(s) is (are) the owner(s) of this sexually reproduced novel plant variety, and believe(s) that the variety is distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety Act.

Applicant(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.

Jan. 5, 1981  
(DATE)

Kim C. Shantz  
(SIGNATURE OF APPLICANT)

(DATE)

(SIGNATURE OF APPLICANT)

13A.

WestBred 911 is a selection from the male sterile facilitated recurrent selection (MSFRS)  $F_2$  population MSFRS Wheat Germplasm CC. A-1976 released by Rex K. Thompson at the University of Arizona, Mesa Station. The  $F_3$  row was grown in Conrad, Montana in the summer of 1976 and a plant selection from this row was grown as an  $F_4$  plot at El Centro, California in 1977. The plot was bulk harvest and the resulting  $F_5$ ,  $F_6$ , and  $F_7$  bulk was yield tested throughout the irrigated areas of Arizona and California in 1978, 1979, and 1980 respectively. An individual plant selection designated 225R-WC was made in 1979 from the bulk  $F_6$ . This selection was maintained as a pure line and was yield tested in 1980 and 1981. One acre of 225-WC was grown at Conrad, Montana in 1980. The resulting production was grown on 40 acres at Chandler, Arizona in 1981 to produce Foundation Seed and designated WestBred 911.

Thus, WestBred 911 is an  $F_6$  plant selection derived from an  $F_2$  broad-based spring wheat population. The exact parentage is impossible to determine. After the  $F_2$  heads were selected, a pedigree system of handling subsequent generations was used. One  $F_3$  plant was used to produce the  $F_4$  plant plot. This plant plot was carried to the  $F_6$  generation. Then the individual plant selection was made and designated 225 R-WC. 225R-WC was increased and named WestBred 911.

WestBred 911 has a red chaff variant which occurs at a low frequency of about one plant in 10,000. A white seed variant occurs at a frequency

13A. (Cont.)

8200053

of about 10 per pound. Present purification procedures should greatly reduce these variants or possibly eliminate them.

WestBred 911 is a stable and uniform variety in agronomic appearance and performance across several generations and growing conditions. Agronomic data to support stability is presented in tables I, II, III, IV, V, and VI.

13B.

WestBred 911 is a semi-dwarf hard red spring wheat that is later, has a longer and more lax spike, and stronger straw than any currently-grown semi-dwarf variety of hard red spring wheat. The semi-solid straw of WestBred 911 differentiates it from all other cultivars of wheat grown in California and Arizona. Semi-solid straw means the stem is solid until shortly before grain physiological maturity and after that point it is hollow.

13B. (Revised)

WestBred 911 is a semi-dwarf hard red spring wheat that is later, has a longer and more lax spike, and stronger straw than any currently grown semi-dwarf of hard red spring wheat. The semi-solid straw of WestBred 911 differentiates it from all other cultivars of wheat grown in California and Arizona. Semi-solid straw means the stem is solid until shortly before grain physiological maturity and after that point it is hollow.

WestBred 911 is most like Yecora Rojo. It differs from Yecora Rojo by being 10-14 days later to heading. WestBred 911 has semi-solid straw as defined above while Yecora Rojo has hollow straw the entire season. Lodging resistance of WestBred 911 is considerably better than Yecora Rojo. In normal protein ranges (11.5% to 15%). Yecora Rojo will average 1% more protein than WestBred 911.



OBJECTIVE DESCRIPTION OF VARIETY  
WHEAT (TRITICUM SPP.)

INSTRUCTIONS: See Reverse.

NAME OF APPLICANT(S)

WESTERN PLANT BREEDERS, INC.

ADDRESS (Street and No. or R.F.D. No., City, State, and ZIP Code)

P.O. Box 1110

Phoenix, Arizona 85001-1110

FOR OFFICIAL USE ONLY

PVPO NUMBER

8200053

VARIETY NAME OR TEMPORARY  
DESIGNATION

WestBred 911

Place the appropriate number that describes the varietal character of this variety in the boxes below.  
Place a zero in first box (e.g.  or ) when number is either 99 or less or 9 or less.

## 1. KIND:

 1 = COMMON    2 = DURUM    3 = EMMER    4 = SPELT    5 = POLISH    6 = POULARD    7 = CLUB

## 2. TYPE:

 1 = SPRING    2 = WINTER    3 = OTHER (Specify) \_\_\_\_\_  1 = SOFT    3 = OTHER (Specify) \_\_\_\_\_  
2 = HARD 1 = WHITE    2 = RED    3 = OTHER (Specify) \_\_\_\_\_

## 3. SEASON - NUMBER OF DAYS FROM EMERGENCE TO:

 FIRST FLOWERING LAST FLOWERING

## 4. MATURITY (50% Flowering):

 NO. OF DAYS EARLIER THAN .....  1 = ARTHUR    2 = SCOUT    3 = CHRIS NO. OF DAYS LATER THAN .....  4 = LEMHI    5 = NUGAINES    6 = LEEDS

## 5. PLANT HEIGHT (From soil level to top of head):

 CM. HIGH CM. TALLER THAN .....  1 = ARTHUR    2 = SCOUT    3 = CHRIS CM. SHORTER THAN .....  4 = LEMHI    5 = NUGAINES    6 = LEEDS

## 6. PLANT COLOR AT BOOTING (See reverse):

 1 = YELLOW GREEN    2 = GREEN    3 = BLUE GREEN

## 7. ANTER COLOR:

 1 = YELLOW    2 = PURPLE

## 8. STEM:

 Anthocyanin: 1 = ABSENT    2 = PRESENT Hairiness of last internode of rachis: 1 = ABSENT    2 = PRESENT NO. OF NODES (Originating from node above ground) Waxy bloom: 1 = ABSENT    2 = PRESENT

\* See 13b

 Internodes: 1 = HOLLOW    2 = SOLID CM. INTERNODE LENGTH BETWEEN FLAG LEAF AND LEAF BELOW

## 9. AURICLES:

 Anthocyanin: 1 = ABSENT    2 = PRESENT Hairiness: 1 = ABSENT    2 = PRESENT

## 10. LEAF:

 Flag leaf at booting stage: 1 = ERECT    2 = RECURVED  
3 = OTHER (Specify) \_\_\_\_\_ Flag leaf: 1 = NOT TWISTED    2 = TWISTED Hairs of first leaf sheath: 1 = ABSENT    2 = PRESENT Waxy bloom of flag leaf sheath: 1 = ABSENT    2 = PRESENT MM. LEAF WIDTH (First leaf below flag leaf) CM. LEAF LENGTH (First leaf below flag leaf):

## 11. HEAD:

☐ 1 Density: 1 = LAX 2 = DENSE
 ☐ 2 Shape: 1 = TAPERING 2 = STRAP 3 = CLAVATE  
 4 = OTHER (Specify) \_\_\_\_\_

☐ 4 Awedness: 1 = AWNLESS 2 = APICALLY AWNLETED 3 = AWNLETED 4 = AWNED

☐ 1 Color at maturity: 1 = WHITE 2 = YELLOW 3 = PINK 4 = RED  
 5 = BROWN 6 = BLACK 7 = OTHER (Specify): \_\_\_\_\_

☐ 1 ☐ 4 CM. LENGTH
 ☐ 1 ☐ 6 MM. WIDTH

## 12. GLUMES AT MATURITY:

☐ 3 Length: 1 = SHORT (CA. 7 mm.) 2 = MEDIUM (CA. 8 mm.)  
 3 = LONG (CA. 9 mm.)
 ☐ 3 Width: 1 = NARROW (CA. 3 mm.) 2 = MEDIUM (CA. 3.5 mm.)  
 3 = WIDE (CA. 4 mm.)

☐ 4 Shoulder: 1 = WANTING 2 = OBLIQUE 3 = ROUNDED  
 shape: 4 = SQUARE 5 = ELEVATED 6 = APICULATE
 ☒ 3 Beak: 1 = OBTUSE 2 = ACUTE 3 = ACUMINATE  
 44 820315

## 13. COLEOPTILE COLOR:

☐ 1 1 = WHITE 2 = RED 3 = PURPLE

## 14. SEEDLING ANTHOCYANIN:

☐ 1 1 = ABSENT 2 = PRESENT

## 15. JUVENILE PLANT GROWTH HABIT:

☐ 2 1 = PROSTRATE 2 = SEMI-ERECT 3 = ERECT

## 16. SEED:

☐ 3 Shape: 1 = OVATE 2 = OVAL 3 = ELLIPTICAL
 ☐ 1 Cheek: 1 = ROUNDED 2 = ANGULAR

☐ 1 Brush: 1 = SHORT 2 = MEDIUM 3 = LONG
 ☐ 2 Brush: 1 = NOT COLLARED 2 = COLLARED

☐ Phenol reaction 1 = IVORY 2 = FAWN 3 = LT. BROWN  
 (See instructions): 4 = BROWN 5 = BLACK

☐ 3 Color: 1 = WHITE 2 = AMBER 3 = RED 4 = PURPLE 5 = OTHER (Specify) \_\_\_\_\_

☐ 0 ☐ 7 MM. LENGTH
 ☐ 0 ☐ 4 MM. WIDTH
 ☐ 4 ☐ 4 GM. PER 1000 SEEDS

## 17. SEED CREASE:

☐ 1 Width: 1 = 60% OR LESS OF KERNEL 'WINOKA'  
 2 = 80% OR LESS OF KERNEL 'CHRIS'  
 3 = NEARLY AS WIDE AS KERNEL 'LEMHI'
 ☐ 2 Depth: 1 = 20% OR LESS OF KERNEL 'SCOUT'  
 2 = 35% OR LESS OF KERNEL 'CHRIS'  
 3 = 50% OR LESS OF KERNEL 'LEMHI'

## 18. DISEASE: (0 = Not Tested, 1 = Susceptible, 2 = Resistant)

☐ 0 STEM RUST (Races)
 ☐ 0 LEAF RUST (Races)
 ☐ 2 STRIPE RUST (Races)
 ☐ 0 LOOSE SMUT

☐ 2 POWDERY MILDEW
 ☐ 0 BUNT
 ☐ 0 OTHER (Specify) \_\_\_\_\_

## 19. INSECT: (0 = Not Tested, 1 = Susceptible, 2 = Resistant)

☐ 0 SAWFLY
 ☐ 1 APHID (Bydv.)
 ☐ 0 GREEN BUG
 ☐ 0 CEREAL LEAF BEETLE

☐ 0 OTHER (Specify) \_\_\_\_\_
 HESSIAN FLY
 ☐ 0 GP
 ☐ 0 A
 ☐ 0 B
 ☐ 0 C

RACES:
 ☐ 0 D
 ☐ 0 E
 ☐ 0 F
 ☐ 0 G

## 20. INDICATE WHICH VARIETY MOST CLOSELY RESEMBLES THAT SUBMITTED:

CHARACTER	NAME OF VARIETY	CHARACTER	NAME OF VARIETY
Plant tillering	Anza	Seed size	Yecora Rojo
Leaf size	Yecora Rojo	Seed shape	Yecora Rojo
Leaf color	Cajeme	Coleoptile elongation	Yecora Rojo
Leaf carriage	Yecora Rojo	Seedling pigmentation	Yecora Rojo

## INSTRUCTIONS

GENERAL: The following publications may be used as a reference aid for the standardization of terms and procedures for completing this form:

- (a) L.W. Briggie and L. P. Reitz, 1963, Classification of Triticum Species and Wheat Varieties Grown in the United States, Technical Bulletin 1278, United States Department of Agriculture.
- (b) W.E. Walls, 1965, A Standardized Phenol Method for Testing Wheat Seeds for Varietal Purity, contribution No. 28 to the handbook of seed testing prepared by the Association of Official Seed Analysts. (See attachment.)

LEAF COLOR: Nickerson's or any recognized color fan should be used to determine the leaf color of the described variety.

Table I

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Yield in Lbs. per acre of Westbred 911 and presently grown varieties in Western Plant Breeder's trials.

<u>Location</u>	<u>Year</u>	<u>WestBred 911</u>	<u>Cajeme 71</u>	<u>Probred</u>	<u>Yecora Rojo</u>	<u>Anza</u>
Phoenix, AZ	1978	6527	6050	5720	----	7572
	1979	5655	4355	4485	4875	5655
	1980	7081	6249	6421	6563	7159
	1981	6100	5781	6157	6204	6533
Yuma, AZ	1979	7345	6240	6695	6825	6695
	1981	6100	5775	6438	6013	6025
El Centro, CA	1978	6365	4402	4940	----	6333
	1979*	4810	1140	1690	4355	3575
	1980	7583	5558	6374	5778	7034
	1981	5700	4350	5050	5450	6300
Walnut Grove, CA	1978	4678	4678	4403	----	5504
	1979	4290	2730	3445	4225	4485
Rio Vista, CA (Dryland)	1979	2535	1495	1560	2665	2925
Davis, CA	1980	6585	5148	5586	5466	6804
	1980	5170	4059	4758	4648	5407
Fresno, CA	1980	6141	5886	5950	6311	6587
	1981	4499	3784	4114	4015	4868
Temecula, CA (Dryland)	1980	3726	3754	3410	2860	3685

\*Yield is directly related to percent shatter.

Table II

Percent protein of WestBred 911 and presently grown varieties in Western Plant Breeder's trials.

<u>Location</u>	<u>Year</u>	<u>WestBred 911</u>	<u>Cajeme 71</u>	<u>Probred</u>	<u>Yecora Rojo</u>	<u>Anza</u>
Phoenix, AZ	1978	12.9	14.6	13.8	----	----
	1979	13.7	14.5	14.6	14.8	12.4
	1981	12.4	12.8	13.1	12.2	11.9
Yuma, AZ	1979	13.6	14.7	14.6	14.9	12.4
	1981	13.4	13.4	14.0	14.3	12.1



<u>Location</u>	<u>Year</u>	<u>WestBred 911</u>	<u>Cajeme 71</u>	<u>Probred</u>	<u>Yecora Rojo</u>	<u>Anza</u>
El Centro, CA	1978	13.5	14.3	14.3	----	----
	1979	12.1	12.9	12.8	13.1	
	1980	12.8	13.7	13.2	13.6	11.6
	1981	13.5	13.9	14.0	14.3	12.6
Walnut Grove, CA	1978	11.0	11.5	11.8	----	10.0
Rio Vista, CA (Dryland)	1979	10.9	10.8	10.4	10.9	9.9
Davis, CA	1980	10.3	13.2	11.9	12.1	10.2
Fresno, CA	1980	12.3	13.3	13.5	13.8	12.1
	1981	12.6	13.3	13.4	14.0	11.8
Temecula, CA	1980	9.2	9.9	9.8	8.6	9.3

Table III

Heading dates of WestBred 911 and presently grown varieties in Western Plant Breeder's trials.

<u>Location</u>	<u>Year</u>	<u>WestBred 911</u>	<u>Cajeme 71</u>	<u>Probred</u>	<u>Yecora Rojo</u>	<u>Anza</u>
El Centro, CA	1978	3-17	3-11	3-09	3-06	3-15
	1980	3-19	3-13	3-11	3-04	3-16
Yuma, AZ	1978	4-01	3-17	3-15	----	3-19
Phoenix, AZ	1978	4-01	3-17	3-15	----	3-19
	1981	4-03	3-28	3-27	3-23	4-03

Percent lodging of WestBred 911 and presently grown varieties in Western Plant Breeder's trials.

<u>Location</u>	<u>Year</u>	<u>WestBred 911</u>	<u>Cajeme 71</u>	<u>Probred</u>	<u>Yecora Rojo</u>	<u>Anza</u>
Phoenix, AZ	1978	0	60	50	--	40
El Centro, CA	1978	0	25	10	--	35
	1981	0	0	25	60	5

Table IV

Plant height in inches of WestBred 911 and presently grown varieties in Western Plant Breeder's trials.

Table IV continued..

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<u>Location</u>	<u>Year</u>	<u>WestBred 911</u>	<u>Cajeme 71</u>	<u>Probred</u>	<u>Yecora Rojo</u>	<u>Anza</u>
Phoenix, AZ	1978	33	35	36	--	40
	1979	31	29	29	29	37
	1981	33	35	34	33	39
Yuma, AZ	1979	34	33	31	32	37
El Centro, CA	1979	35	35	33	28	37
	1980	31	32	31	31	34
Walnut Grove, CA	1979	27	26	25	26	33
Rio Vista, CA (Dryland)	1979	32	28	29	32	34
Davis, CA	1980	33	36	33	35	37
Fresno, CA	1980	37	37	36	33	40
	1981	30	29	29	28	34

Table V

Bushel weight of WestBred 911 and presently grown varieties in Western Plant Breeders trials.

<u>Location</u>	<u>Year</u>	<u>WestBred 911</u>	<u>Cajeme 71</u>	<u>Probred</u>	<u>Yecora Rojo</u>	<u>Anza</u>
Phoenix, AZ	1979	58.0	59.5	60.0	60.0	61.5
	1980	63.0	63.0	63.0	62.5	64.5
	1981	64.0	65.0	64.0	66.0	65.0
El Centro, CA	1980	63.0	64.0	64.0	64.0	64.0
	1981	63.0	63.0	63.0	63.5	63.0
Walnut Grove, CA	1979	61.0	64.0	64.0	64.0	64.0
Davis, CA	1980	64.0	64.0	65.0	65.0	65.0
Fresno, CA	1980	61.0	64.0	64.0	64.0	62.0
	1981	65.0	65.0	65.0	66.0	65.0
Temecula, CA	1980	64.0	64.0	64.0	65.0	64.0
Rio Vista, CA	1979	62.0	64.0	64.0	64.0	63.0

Table VI

Milling and baking quality of WestBred 911 compared to Yecora Rojo and Probred.\*

Variety:	<u>WestBred 911</u>		<u>Probred</u>		<u>Yecora Rojo</u>	
Location:	Yuma	Phoenix	Yuma	Phoenix	Yuma	Phoenix
Wheat Protein%:	13.4	13.6	15.1	14.2	14.8	14.8
Wheat Moisture %:	8.4	8.0	8.5	8.3	8.5	8.1
Test Weight:	62.1	59.5	62.6	59.9	62.6	60.6
Flour Extraction:	59.4	59.9	62.6	59.9	63.7	64.6
Flour Ash:	.46	.49	.449	.409	.404	.409
Flour Protein:	11.4	11.5	12.3	12.7	12.2	13.0
Farinograph:						
Absorption %:	65.8	67.3	65.1	64.7	62.2	66.5
Arrival:	1.5	2.5	2.5	4.5	1.5	3.0
Peak:	5.0	6.0	6.0	7.5	7.0	7.0
Stability:	7.0	6.0	6.0	5.5	11.5	9.5
M.T.I.:	60.0	60.0	60.0	70.0	20.0	30.0
Baker's Bread						
Volume	3200	3000	2900	2975	3075	2950
Dough Char.	Mellow	Mellow	Strong	Weak	Strong	Mellow
Rating**	7	6	5	5	7	6
Over All Rating**	5	5	5	5	6	6

\* Quality data supplied by General Mills, Inc.

\*\* 5=Satisfactory, equal to check variety.

6=Is slightly more desirable than 5.